

159848

From: Chan, Christina  
Sent: Tuesday, July 19, 2005 1:22 PM  
To: Dunston, Jennifer; STIC-Biotech/ChemLib  
Subject: RE: Sequence Search 10/764581

Please rush. Thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644  
(571)-272-0841  
Remsen, 3E89

-----Original Message-----

From: Dunston, Jennifer  
Sent: Tuesday, July 19, 2005 1:01 PM  
To: Chan, Christina  
Subject: Sequence Search 10/764581

Please RUSH this search. The length of SEQ ID NO: 17 is 126 nucleotides long.  
Thank you.

Please do a sequence search for the nucleic acid sequence of SEQ ID NO: 17 against the commercial and interference nucleic acid databases.

Jennifer Dunston, Ph.D.  
USPTO Art Unit 1636  
REM 2B76  
Mailbox: REM 2C70  
(571) 272-2916

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STAFF USE ONLY

Searcher: \_\_\_\_\_  
Searcher Phone: 2-\_\_\_\_\_  
Date Searcher Picked up: \_\_\_\_\_  
Date Completed: 7-20  
Searcher Prep/Rev. Time: \_\_\_\_\_  
Online Time: \_\_\_\_\_

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Type of Search

NA#: \_\_\_\_\_ AA#: \_\_\_\_\_  
Interference: \_\_\_\_\_ SPDI: \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure#: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

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Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_

# Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	26	sakanyan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:11
S2	9	snappyan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:06
S3	7	ghochikyan.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:06
S4	234	lecocq.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:06
S5	221	nantes.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:07
S6	6	(S1 or S2 or S3 or S4) and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:12
S7	14879	up element	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:12
S8	3	(S1 or S2 or S3 or S4 or S5) and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:13
S9	338	(alpha or ".alpha.") near5 (RNA pol\$1 or RNA polymerase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:27
S10	12	S9 near10 (purif\$ or isolat\$ or excess)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 17:17
S11	2	S10 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:16
S12	2099	in vitro transcription	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:16

S13	0	S10 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:17
S14	113	rpoa	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:17
S15	3	S14 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:20
S17	233	(alpha or ".alpha.") near3 (RNA pol\$1 or RNA polymerase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:20
S18	23	S17 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:26
S19	21712	(435/69.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:26
S23	73	S9 same (purif\$ or isolat\$ or excess)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 12:28
S24	16	S19 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/21 16:44
S25	16	(thermus or thermophilus) near10 rna polymerase	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:02
S26	21712	(435/69.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 12:03
S27	2	S25 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:03
S28	8	S25 and vitro near3 transcript\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:04
S29	6	thermus near3 rmap	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:05

S30	16	rnap near5 (alpha or ".alpha.")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:05
S31	2	S26 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:06
S32	4	S30 same (purif\$ or isolat\$ or excess)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:07
S33	441	pet-3a	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:11
S34	10	S33 same terminator	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:12
S35	0	S34 and vitro near3 transcript\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:13
S36	555	terminator near5 "t7" same plasmid	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:16
S37	21712	(435/69.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 12:14
S39	555	S36 same terminator	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:15
S40	166	S39 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:54
S42	2	("4952496").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 12:17
S43	1	S42 and terminator	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2005/07/22 12:17

SEARCH HISTORY: STN Search Terms

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE'

L1 220 S SAKANYAN V?/AU  
L2 22 S SNAPYAN M?/AU  
L3 50 S GHOSHIKYAN A?/AU  
L4 78 S LECOCQ F?/AU  
L5 3656 S RPOA OR ALPHA(5A) RNA POLYMERASE  
L6 7 S (L1 OR L2 OR L3 OR L4) AND L5  
L7 4 DUP REM L6 (3 DUPLICATES REMOVED)  
L8 232 S L5(10A)(ISOLAT? OR PURIFI? OR EXCESS? OR ADDED OR ADDITIONAL  
L9 62 S L8 AND VITRO  
L10 32 DUP REM L9 (30 DUPLICATES REMOVED)  
L11 47 S STEAROTHERMOPHILUS AND (ARGC OR PARG)  
L12 23 S L11 AND PROMOTER  
L13 7 DUP REM L12 (16 DUPLICATES REMOVED)  
L14 230 S THERMOPHILUS AND EXTRACT  
L15 0 S L14 AND (VITRO TRANSCRIPTION OR VITRO TRANSLATION)  
L16 9 S L14 AND VITRO AND SYNTHESIS  
L17 3 DUP REM L16 (6 DUPLICATES REMOVED)  
L18 9 S THERMOPHILE AND VITRO AND SYNTHESIS AND EXTRACT  
L19 5 DUP REM L18 (4 DUPLICATES REMOVED)  
L20 3413 S TRANSCRIPTION?(5A)TERMINATOR  
L21 101 S L20(5A)T7  
L22 6 S L21 AND VITRO AND SYNTHESIS  
L23 3 DUP REM L22 (3 DUPLICATES REMOVED)  
L24 0 S L8 AND L21  
L25 0 S L5 AND L21  
L26 4 S L21 AND CELL-FREE  
L27 2 DUP REM L26 (2 DUPLICATES REMOVED)